



July 2009

DEPARTMENT OF EDUCATION
2008–2009 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State accountability standards of Maine's *Learning Results*. The *Learning Results* contain goals for what all students should know and be able to do at certain times in their school careers and include the accountability standards that are assessed for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2008-2009 MEA Summary Reports contain the results of student achievement in reading and mathematics at all grades and science at grades 5 and 8 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. More information about the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the assessments.

Sincerely,

Susan A. Gendron
Commissioner of Education



School Report Grade 8

Test Date: March 2009
Code: 11551403
SAU: South Portland School Dept
School: Daniel F. Mahoney Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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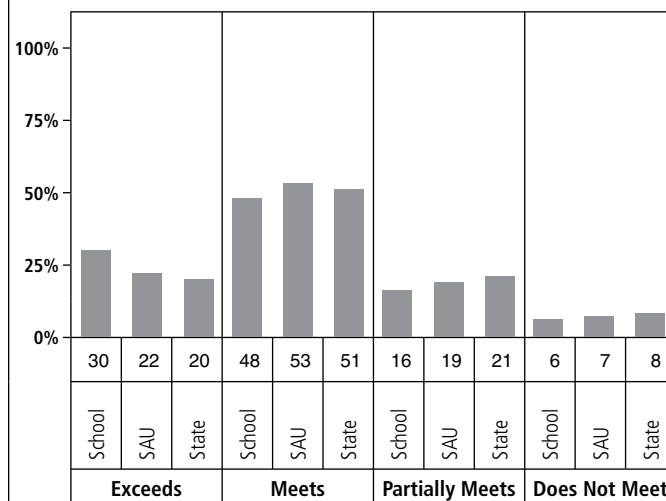
SUMMARY OF SCORES

Test Date: March 2009
 Grade: 8
 SAU: South Portland School Dept
 School: Daniel F. Mahoney Middle School

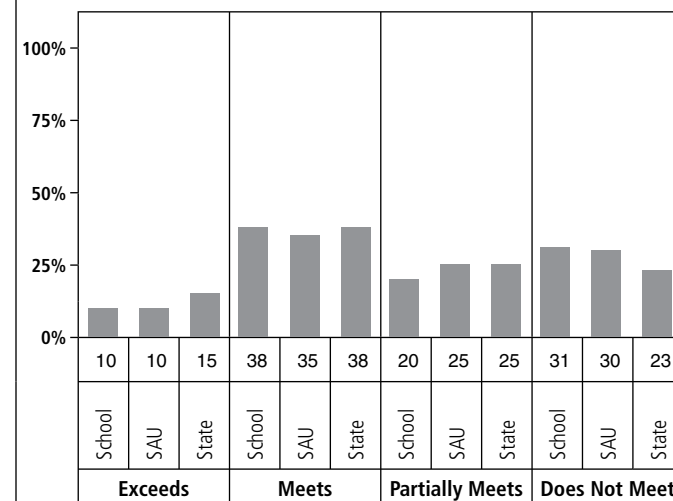
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2006–2007	849	848	847
2007–2008	849	851	849
2008–2009	854	851	850
Cum. Avg.*	851	850	849
Mathematics			
2006–2007	845	843	842
2007–2008	843	843	841
2008–2009	840	840	843
Cum. Avg.*	843	842	842
Science			
2008–2009 **	848	847	846

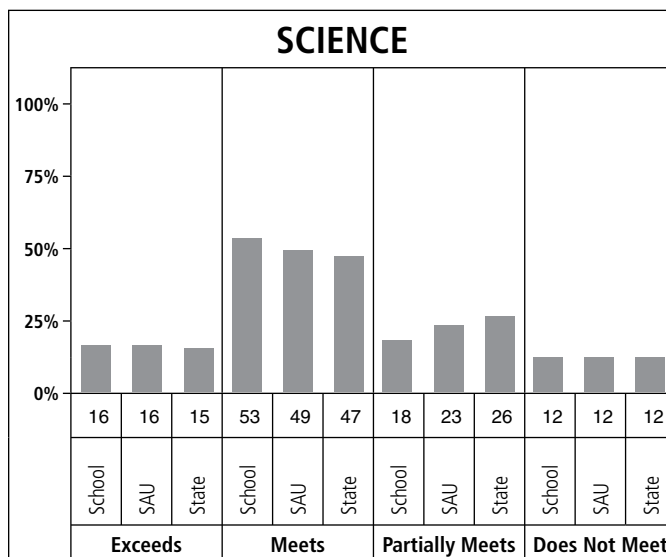
ELA – READING



MATHEMATICS



SCIENCE



*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

** Because science standards were reset in May 2009, no historical data are available

SUMMARY OF STUDENT PARTICIPATION

Test Date: March 2009
Grade: 8
SAU: South Portland School Dept
School: Daniel F. Mahoney Middle School

CATEGORY OF PARTICIPATION	Enrollment ¹ during testing window						CONTENT AREA PARTICIPATION ²																	
	School		SAU		State		ELA-Reading						Mathematics						Science					
	n		n		n		n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%		%		%		%	
Total number of students	100	100	221	100	14804	100	99	99	220	100	14659	99	100	100	221	100	14653	99	99	99	220	100	14626	99
Ethnicity African American/Black	4	4	17	8	377	3	4	100	17	100	366	97	4	100	17	100	371	98	4	100	17	100	367	97
American Indian or Native Alaskan	0	0	1	0	119	1	0	0	1	100	117	99	0	0	1	100	115	97	0	0	1	100	116	98
Asian or Pacific Islander	2	2	9	4	238	2	2	100	9	100	232	97	2	100	9	100	234	98	2	100	9	100	234	98
Hispanic	2	2	6	3	192	1	1	50	5	83	188	98	2	100	6	100	191	100	2	100	6	100	190	99
Caucasian/White	92	92	188	85	13878	94	92	100	188	100	13756	99	92	100	188	100	13742	99	91	99	187	99	13719	99
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Identified disability	19	19	35	16	2489	17	19	100	35	100	2434	99	19	100	35	100	2424	98	18	95	34	97	2418	98
Current LEP	4	4	10	5	349	2	3	75	9	90	331	95	4	100	10	100	342	98	4	100	10	100	338	97
Economically disadvantaged	31	31	64	29	5460	37	30	97	63	98	5380	99	31	100	64	100	5377	99	30	97	63	98	5359	98
Migrant	0	0	1	0	6	0	0	0	1	100	6	100	0	0	1	100	6	100	0	0	1	100	6	100

MODE OF PARTICIPATION ³	ELA-Reading						Mathematics						Science					
	School		SAU		State		School		SAU		State		School		SAU		State	
	n		n		n		n		n		n		n		n		n	
	%		%		%		%		%		%		%		%		%	
Participation without accommodations	81	81	180	81	12132	82	81	81	180	81	12124	82	81	81	180	81	12169	82
Identified disability (PET/IEP)	4	5	6	3	379	3	4	5	6	3	380	3	4	5	6	3	425	3
LEP	2	2	5	3	166	1	2	2	5	3	169	1	2	2	5	3	168	1
504 plan	3	4	3	2	200	2	3	4	3	2	200	2	3	4	3	2	202	2
Participation with accommodations	17	17	39	18	2349	16	18	18	40	18	2347	16	17	17	39	18	2288	15
Identified disability (PET/IEP)	14	82	28	72	1877	80	14	78	28	70	1862	79	13	76	27	69	1824	80
LEP	1	6	4	10	158	7	2	11	5	13	167	7	2	12	5	13	165	7
504 plan	0	0	2	5	70	3	0	0	2	5	70	3	0	0	2	5	66	3
Other	2	12	6	15	292	12	2	11	6	15	297	13	2	12	6	15	280	12
Participation through alternate assessment (PAAP)	1	1	1	0	178	1	1	1	1	0	182	1	1	1	1	0	169	1
Identified disability (PET/IEP)	1	100	1	100	178	100	1	100	1	100	182	100	1	100	1	100	169	100
LEP	0	0	0	0	7	4	0	0	0	0	6	3	0	0	0	0	5	3
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approved non-participation in reading – 1st year LEP	0	0	0	0	0	0												
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	38	0
Non-participation – other	1	1	1	0	113	1	0	0	0	0	117	1	1	1	1	0	140	1

¹Percents are the percentage of students enrolled in each participation category.

²Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.

³Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date: March 2009
Grade: 8
SAU: South Portland School Dept
School: Daniel F. Mahoney Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (Scaled Score 862–880)	2006-2007	30	25	40	18	2407	16
	2007-2008	22	21	54	24	3428	23
	2008-2009	29	30	48	22	2857	20
	Cum. Total*	81	25	142	21	8692	19
Meets the Standards – The student’s work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (Scaled Score 842–860)	2006-2007	47	39	102	46	7494	49
	2007-2008	51	49	121	53	7179	48
	2008-2009	47	48	115	53	7431	51
	Cum. Total*	145	45	338	51	22104	49
Partially Meets the Standards – The student’s work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student’s ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (Scaled Score 830–840)	2006-2007	27	22	52	24	3628	24
	2007-2008	20	19	35	15	2706	18
	2008-2009	16	16	41	19	2979	21
	Cum. Total*	63	19	128	19	9313	21
Does Not Meet the Standards – The student’s work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student’s responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (Scaled Score 800–828)	2006-2007	18	15	27	12	1810	12
	2007-2008	11	11	19	8	1611	11
	2008-2009	6	6	15	7	1214	8
	Cum. Total*	35	11	61	9	4635	10

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Reading Total Points	56	100	38.2	68.2	36.5	65.2	35.5	63.4
A1/A2 Interconnected Elements/Literary Text	20	36	13.6	68.0	12.9	64.5	12.3	61.5
A1/A3/4 Interconnected Elements/Informational Text/Persuasive Text	36	64	24.6	68.3	23.7	65.8	23.2	64.4

The MEA measures student achievement of the interconnected elements of the reading process based on questions related to literary and informational/persuasive reading passages. Reading passages include both long and short texts, selected from developmentally appropriate works. MEA reading items measure the English Language Arts accountability content standard A, Reading, contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at:
<http://www.maine.gov/education/lres/pei/index.html>.



ELA-READING RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: South Portland School Dept
 School: Daniel F. Mahoney Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	98	29	30	47	48	16	16	6	6	854	219	22	53	19	7	851	14481	20	51	21	8	850
Ethnicity																						
African American/Black	4										17	0	65	24	12	844	362	8	43	29	20	843
American Indian or Native Alaskan	0										1					116	10	46	26	18	843	
Asian or Pacific Islander	2										9	33	67	0	0	858	231	28	43	19	10	851
Hispanic	1										5	0	80	20	0	846	186	17	48	23	12	847
Caucasian/White	91	28	31	43	47	14	15	6	7	854	187	24	50	19	7	852	13586	20	52	20	8	850
Not Reported	0										0					0						
Identified disability																						
Yes	18	0	0	5	28	7	39	6	33	836	34	0	29	35	35	836	2256	2	25	40	34	834
No	80	29	36	42	53	9	11	0	0	858	185	26	57	16	2	854	12225	23	56	17	4	853
Current LEP																						
Yes	3										9	0	33	56	11	839	324	5	34	36	26	838
No	95	29	31	46	48	14	15	6	6	855	210	23	53	17	7	852	14157	20	52	20	8	850
Economically disadvantaged																						
Yes	30	5	17	13	43	6	20	6	20	845	63	11	41	30	17	843	5277	10	46	29	15	844
No	68	24	35	34	50	10	15	0	0	858	156	26	57	14	3	855	9204	26	54	16	5	853
Migrant																						
Yes	0										1					5	0	40	60	0	841	
No	98	29	30	47	48	16	16	6	6	854	218	22	52	19	7	851	14476	20	51	21	8	850
Gender																						
Female	50	16	32	25	50	7	14	2	4	857	108	24	52	19	6	853	7074	25	51	18	6	852
Male	48	13	27	22	46	9	19	4	8	851	111	20	53	19	8	850	7407	14	51	23	11	847
Not Reported	0										0					0						
Title 1A targeted program																						
Yes	1										1					857	9	43	35	14	843	
No	97	29	30	47	48	15	15	6	6	854	218	22	53	18	7	851	13624	20	52	20	8	850
Gifted/talented program																						
Yes	14	11	79	3	21	0	0	0	0	868	19	79	16	5	0	866	700	69	30	1	0	867
No	84	18	21	44	52	16	19	6	7	852	200	17	56	20	8	850	13781	17	52	22	9	849

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

ELA-READING RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 8
 SAU: South Portland School Dept
 School: Daniel F. Mahoney Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	1	20	4	80	0	0	840	5	0	20	70	10	838	8	8	39	29	24	841
B. less than one hour	58	13	23	29	52	11	20	3	5	851	56	18	53	21	8	849	51	17	53	22	8	849
C. one to two hours	35	16	47	15	44	1	3	2	6	862	36	31	56	9	4	856	36	24	52	18	5	852
D. more than two hours	2	0	0	2	100	0	0	0	0	854	4	22	56	11	11	852	5	29	45	18	9	852
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	30	12	41	14	48	3	10	0	0	860	28	34	49	13	3	856	31	35	50	11	4	856
B. good	54	16	31	27	52	7	13	2	4	855	55	20	59	17	4	852	47	16	55	21	7	849
C. fair	16	1	6	6	38	6	38	3	19	841	15	6	39	33	21	841	18	5	47	33	15	842
D. poor	0										1	33	33	33	0	851	3	2	39	37	22	839
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	30	10	34	16	55	3	10	0	0	858	29	30	56	11	3	855	32	27	54	14	5	853
B. They match some of what I have learned.	55	18	34	26	49	7	13	2	4	856	56	23	55	18	5	852	52	18	53	22	8	850
C. They match just a little of what I have learned.	12	0	0	5	42	6	50	1	8	842	12	4	46	35	15	844	12	11	45	29	15	844
D. There is no match.	3	1	33	0	0	0	0	2	67	837	3	14	14	43	29	837	4	6	34	33	26	838
How difficult was the reading part of this test?																						
A. more difficult than my regular schoolwork	12	2	17	4	33	4	33	2	17	846	16	18	42	27	12	847	15	13	42	28	17	844
B. about the same as my regular schoolwork	69	23	34	32	48	9	13	3	4	856	66	24	55	16	4	853	64	19	53	20	7	850
C. easier than my regular schoolwork	19	4	22	11	61	3	17	0	0	855	18	21	59	13	8	852	22	25	52	16	6	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	9	1	11	3	33	4	44	1	11	846	9	11	32	37	21	843	8	6	34	34	26	838
B. Most of the passages were about the same as what I normally read.	53	15	29	25	49	9	18	2	4	854	50	19	56	19	5	851	52	14	54	24	8	848
C. Most of the passages were easier than what I normally read.	38	13	35	19	51	3	8	2	5	857	41	29	54	13	5	854	40	30	53	13	4	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	38	8	22	19	53	9	25	0	0	853	37	23	56	19	1	853	39	19	50	22	9	849
B. I tried about the same as I do on my regular schoolwork.	58	20	36	27	48	6	11	3	5	857	54	24	53	17	6	852	54	21	53	19	7	851
C. I did not try as hard on this test as I do on my regular schoolwork.	4	1	25	0	0	1	25	2	50	836	9	10	35	25	30	841	7	12	46	27	15	845
How much time do you spend reading at home each day?																						
A. more than one hour	14	4	29	8	57	1	7	1	7	859	18	21	51	15	13	851	19	26	53	15	6	853
B. 20 minutes to an hour	44	12	28	23	53	7	16	1	2	856	46	23	57	19	1	853	40	25	52	17	6	852
C. less than 20 minutes	21	9	45	6	30	3	15	2	10	854	16	29	49	14	9	851	15	18	51	21	10	849
D. I rarely read at home.	21	4	20	10	50	5	25	1	5	849	20	16	49	23	12	847	26	7	50	30	13	844
How do you feel about the following statement?																						
"My knowledge of reading will be useful to me as an adult."																						
A. strongly agree	42	13	32	22	54	5	12	1	2	857	39	28	53	14	5	854	42	27	51	15	6	853
B. agree	49	14	29	21	44	9	19	4	8	853	52	19	54	19	8	850	50	15	53	23	9	848
C. disagree	7	2	29	3	43	2	29	0	0	852	6	21	50	29	0	851	7	8	46	32	14	843
D. strongly disagree	1	0	0	1	100	0	0	0	0	846	2	0	25	50	25	833	2	6	39	35	21	840
Optional school/SAU question																						
A.	50	0	0	0	0	2	100	0	0	835	50	0	33	67	0	839						
B.	25	0	0	0	0	0	0	1	100	818	17	0	0	0	100	818						
C.	25	0	0	0	0	0	0	1	100	818	33	0	0	0	100	823						
D.	0										0											

MATHEMATICS RESULTS

Test Date: March 2009
Grade: 8
SAU: South Portland School Dept
School: Daniel F. Mahoney Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (Scaled Score 862–880)	2006-2007	26	21	34	15	1952	13
	2007-2008	10	10	26	11	1657	11
	2008-2009	10	10	22	10	2116	15
	Cum. Total*	46	14	82	12	5725	13
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student’s work may contain minor errors. (Scaled Score 842–860)	2006-2007	46	38	88	40	5870	38
	2007-2008	44	43	102	45	5956	40
	2008-2009	38	38	76	35	5443	38
	Cum. Total*	128	40	266	40	17269	39
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (Scaled Score 830–840)	2006-2007	31	25	59	27	3982	26
	2007-2008	30	29	62	27	3729	25
	2008-2009	20	20	55	25	3556	25
	Cum. Total*	81	25	176	26	11267	25
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (Scaled Score 800–828)	2006-2007	19	16	40	18	3534	23
	2007-2008	19	18	38	17	3579	24
	2008-2009	31	31	67	30	3356	23
	Cum. Total*	69	21	145	22	10469	23

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Mathematics Total Points	56	100	27.2	48.6	26.8	47.9	28.6	51.1
A. Number	8	14	3.4	42.5	3.3	41.3	3.7	46.3
B. Data	16	29	8.9	55.6	9.0	56.3	8.9	55.6
C. Geometry	12	21	4.7	39.2	4.6	38.3	5.0	41.7
D. Algebra	20	36	10.2	51.0	9.9	49.5	10.9	54.5

The MEA assesses students’ mathematics knowledge based on questions that measure the mathematics accountability content standards contained in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard A, Number, includes Whole Number, Rational Number, and Real Number.

Content Standard B, Data, includes Measurement and Approximation, Data Analysis, and Probability.

Content Standard C, Geometry, includes Geometric Figures, Geometric Measurement, and Transformations.

Content Standard D, Algebra, includes Symbols and Expressions, Equations and Inequalities, and Functions and Relations.

MATHEMATICS RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: South Portland School Dept
 School: Daniel F. Mahoney Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	99	10	10	38	38	20	20	31	31	840	220	10	35	25	30	840	14471	15	38	25	23	843
Ethnicity																						
African American/Black	4										17	0	18	24	59	828	367	6	24	26	44	831
American Indian or Native Alaskan	0										1					114	5	31	32	32		836
Asian or Pacific Islander	2										9	22	33	44	0	851	233	27	33	20	21	847
Hispanic	2										6	17	33	0	50	835	190	8	31	26	34	836
Caucasian/White	91	10	11	37	41	18	20	26	29	841	187	10	36	25	29	840	13567	15	38	25	22	843
Not Reported	0										0					0						
Identified disability																						
Yes	18	0	0	2	11	1	6	15	83	822	34	3	6	9	82	822	2242	2	12	22	63	824
No	81	10	12	36	44	19	23	16	20	844	186	11	40	28	21	843	12229	17	42	25	16	846
Current LEP																						
Yes	4										10	0	10	40	50	825	336	6	18	26	51	829
No	95	10	11	38	40	18	19	29	31	841	210	10	36	24	30	840	14135	15	38	25	23	843
Economically disadvantaged																						
Yes	31	2	6	6	19	6	19	17	55	830	64	6	20	20	53	831	5270	6	30	28	36	835
No	68	8	12	32	47	14	21	14	21	845	156	12	40	27	21	843	9201	20	42	22	16	847
Migrant																						
Yes	0										1						5	0	0	40	60	828
No	99	10	10	38	38	20	20	31	31	840	219	10	35	25	30	840	14466	15	38	25	23	843
Gender																						
Female	50	6	12	18	36	13	26	13	26	841	108	11	35	23	31	839	7070	15	39	25	22	843
Male	49	4	8	20	41	7	14	18	37	840	112	9	34	27	30	840	7401	14	36	25	25	842
Not Reported	0										0					0						
Title 1A targeted program																						
Yes	1										1						857	5	25	33	37	835
No	98	10	10	37	38	20	20	31	32	840	219	10	34	25	31	840	13614	15	38	24	22	843
Gifted/talented program																						
Yes	14	9	64	4	29	0	0	1	7	861	19	63	26	5	5	862	700	68	27	3	1	866
No	85	1	1	34	40	20	24	30	35	837	201	5	35	27	33	838	13771	12	38	26	24	841

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

MATHEMATICS RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 8
 SAU: South Portland School Dept
 School: Daniel F. Mahoney Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	1	20	0	0	4	80	826	5	0	10	10	80	823	8	8	24	24	44	833
B. less than one hour	58	3	5	18	32	14	25	21	38	838	56	4	33	30	33	837	51	12	38	26	23	842
C. one to two hours	35	7	21	19	56	4	12	4	12	850	36	21	42	21	17	847	36	19	40	23	19	845
D. more than two hours	2	0	0	0	0	2	100	0	0	833	4	0	44	22	33	836	5	19	36	22	23	844
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	34	6	18	21	64	2	6	4	12	851	33	19	47	20	14	849	28	33	41	15	11	852
B. good	43	2	5	16	38	11	26	13	31	839	40	7	44	24	26	841	45	11	43	25	21	842
C. fair	18	2	12	1	6	6	35	8	47	833	18	5	16	39	39	832	21	3	27	35	35	834
D. poor	5	0	0	0	0	1	20	4	80	822	9	0	0	17	83	821	5	2	14	30	54	828
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	21	2	10	12	60	2	10	4	20	845	20	14	51	21	14	847	28	23	41	21	15	848
B. They match some of what I have learned.	53	7	14	18	35	13	25	13	25	843	49	13	32	27	28	842	52	13	40	25	21	843
C. They match just a little of what I have learned.	23	1	5	8	36	3	14	10	45	836	27	2	34	25	39	835	16	8	28	30	34	836
D. There is no match.	4	0	0	0	0	2	50	2	50	823	4	0	0	33	67	820	4	5	15	22	58	826
How difficult was the mathematics part of this test?																						
A. more difficult than my regular schoolwork	31	1	3	11	38	8	28	9	31	838	37	1	32	28	38	834	32	6	34	29	32	837
B. about the same as my regular schoolwork	45	2	5	19	44	7	16	15	35	840	41	8	36	29	28	841	52	13	41	25	20	843
C. easier than my regular schoolwork	24	7	30	8	35	5	22	3	13	850	22	28	43	17	13	851	16	39	35	13	13	853
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	33	2	6	11	34	9	28	10	31	840	41	9	31	29	30	839	42	12	38	26	25	841
B. I tried about the same as I do on my regular schoolwork.	60	7	12	25	43	10	17	16	28	843	52	11	39	24	26	842	52	17	39	23	20	845
C. I did not try as hard on this test as I do on my regular schoolwork.	6	1	17	2	33	1	17	2	33	837	7	7	40	20	33	838	7	12	27	27	35	837
How often do you use calculators in mathematics class?																						
A. almost every day	9	0	0	3	33	3	33	3	33	837	30	15	35	25	25	843	34	18	40	22	20	845
B. two or three days a week	51	1	2	21	43	9	18	18	37	838	38	1	38	25	36	836	35	14	38	26	21	843
C. two or three times each month	28	6	22	10	37	7	26	4	15	847	24	12	31	33	24	841	18	12	37	27	24	841
D. never or almost never	12	3	25	4	33	1	8	4	33	845	9	21	32	11	37	842	13	9	32	25	34	837
How often do you use laptops in mathematics class?																						
A. almost every day	3	1	33	0	0	1	33	1	33	843	3	29	0	29	43	839	9	13	38	23	26	841
B. two or three days a week	4	3	75	0	0	0	0	1	25	862	4	38	0	13	50	840	17	11	37	26	26	841
C. two or three times each month	15	2	14	5	36	3	21	4	29	841	12	12	32	20	36	838	28	15	40	25	20	844
D. never or almost never	78	4	5	33	44	16	21	22	29	840	81	7	39	27	27	841	46	16	36	24	23	843
How do you feel about the following statement? "My knowledge of mathematics will be useful to me as an adult."																						
A. strongly agree	54	7	13	25	48	10	19	10	19	846	48	15	40	25	20	844	52	19	41	22	18	846
B. agree	37	2	6	11	31	8	22	15	42	836	40	6	32	26	36	837	39	11	35	27	27	840
C. disagree	4	0	0	2	50	0	0	2	50	834	7	0	40	20	40	836	6	7	28	26	39	835
D. strongly disagree	5	1	20	0	0	2	40	2	40	836	5	9	9	27	55	830	3	4	25	28	43	832
Optional school/SAU question																						
A.	50	0	0	0	0	0	0	2	100	819	50	0	0	0	100	822						
B.	25	0	0	0	0	0	0	1	100	814	17	0	0	0	100	814						
C.	25	0	0	0	0	0	0	1	100	800	33	0	0	0	100	808						
D.	0										0											

SCIENCE RESULTS

Test Date: March 2009
Grade: 8
SAU: South Portland School Dept
School: Daniel F. Mahoney Middle School

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student’s work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student’s responses demonstrate the ability to synthesize information, analyze and solve difficult problems, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (Scaled Score 862–880)	2008-2009*	16	16	36	16	2155	15
Meets the Standards – The student’s work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student’s responses demonstrate the ability to analyze and solve routine problems and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (Scaled Score 842–860)	2008-2009*	52	53	107	49	6687	47
Partially Meets the Standards – The student’s work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student’s responses demonstrate some ability to analyze and solve problems but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (Scaled Score 828–840)	2008-2009*	18	18	50	23	3672	26
Does Not Meet the Standards – The student’s work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student’s responses demonstrate minimal ability to solve problems. Explanations are illogical, incomplete, or missing. There are many inaccuracies. (Scaled Score 800–826)	2008-2009*	12	12	26	12	1749	12

Learning Results Content Standards	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Science Total Points	56	100	33.4	59.6	32.7	58.4	32.0	57.1
D. The Physical Setting	31	55	18.1	58.4	17.7	57.1	17.1	55.2
D1/D2 Earth/Space	17	30	9.9	58.2	9.7	57.1	9.4	55.3
D3/D4 Matter and Energy/Force and Motion	14	25	8.2	58.6	7.9	56.4	7.7	55.0
E. The Living Environment	25	45	15.3	61.2	15.1	60.4	14.9	59.6

The MEA assesses students’ science knowledge based on questions that measure the science accountability content standards highlighted in Maine’s 2007 *Learning Results: Parameters for Essential Instruction*, which can be found at: <http://www.maine.gov/education/lres/pei/index.html>.

Content Standard D. The Physical Setting
D1 - Universe and Solar System
D2 - Earth
D3 - Matter and Energy
D4 - Force and Motion

Content Standard E. The Living Environment
E1 - Biodiversity
E2 - Ecosystems
E3 - Cells
E4 - Heredity and Reproduction
E5 - Evolution

SCIENCE RESULTS

(CONTINUED)

Test Date: March 2009
 Grade: 8
 SAU: South Portland School Dept
 School: Daniel F. Mahoney Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	98	16	16	52	53	18	18	12	12	848	219	16	49	23	12	847	14263	15	47	26	12	846
Ethnicity																						
African American/Black	4										17	0	35	47	18	839	360	4	31	35	30	835
American Indian or Native Alaskan	0										1					114	8	39	31	22	839	
Asian or Pacific Islander	2										9	33	67	0	0	857	230	20	44	23	13	848
Hispanic	2										6	0	67	33	0	846	184	9	45	29	16	842
Caucasian/White	90	15	17	48	53	15	17	12	13	848	186	18	48	22	12	847	13375	15	47	25	12	846
Not Reported	0										0					0						
Identified disability																						
Yes	17	1	6	4	24	5	29	7	41	832	33	6	18	33	42	832	2221	3	22	36	38	832
No	81	15	19	48	59	13	16	5	6	851	186	18	54	21	6	850	12042	17	51	24	7	848
Current LEP																						
Yes	4										10	0	30	50	20	835	331	4	20	39	37	832
No	94	16	17	51	54	15	16	12	13	848	209	17	50	22	11	848	13932	15	48	25	12	846
Economically disadvantaged																						
Yes	30	2	7	13	43	8	27	7	23	841	63	5	41	29	25	840	5184	6	40	33	21	840
No	68	14	21	39	57	10	15	5	7	851	156	21	52	21	6	850	9079	20	51	21	8	849
Migrant																						
Yes	0										1						5	0	0	80	20	829
No	98	16	16	52	53	18	18	12	12	848	218	17	49	22	12	847	14258	15	47	26	12	846
Gender																						
Female	50	7	14	26	52	10	20	7	14	848	108	15	44	28	14	846	6953	14	47	28	11	846
Male	48	9	19	26	54	8	17	5	10	848	111	18	54	18	10	848	7310	16	46	24	13	846
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	1										1						828	5	35	40	20	839
No	97	15	15	52	54	18	19	12	12	848	218	16	49	23	12	847	13435	16	48	25	12	846
Gifted/talented program																						
Yes	14	8	57	6	43	0	0	0	0	864	19	63	32	5	0	863	699	65	34	2	0	865
No	84	8	10	46	55	18	21	12	14	845	200	12	51	25	13	845	13564	13	48	27	13	845

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. N = Number

SCIENCE RESULTS

(QUESTIONNAIRE ITEMS)

Test Date: March 2009
 Grade: 8
 SAU: South Portland School Dept
 School: Daniel F. Mahoney Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	1	20	1	20	3	60	824	5	0	10	40	50	826	8	8	34	28	30	837
B. less than one hour	58	6	11	30	54	14	25	6	11	846	56	12	48	29	11	845	51	14	48	27	11	846
C. one to two hours	35	10	29	20	59	2	6	2	6	856	36	27	56	10	6	854	36	19	48	24	9	848
D. more than two hours	2	0	0	1	50	0	0	1	50	839	4	0	56	22	22	841	5	17	49	20	14	847
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	20	8	42	6	32	2	11	3	16	852	20	41	41	9	9	853	23	27	47	17	8	851
B. good	51	8	16	30	61	9	18	2	4	851	52	14	54	26	6	848	53	15	50	26	10	847
C. fair	24	0	0	13	57	6	26	4	17	841	23	2	50	32	16	842	20	4	43	35	18	840
D. poor	6	0	0	3	50	0	0	3	50	837	4	0	44	0	56	834	4	4	27	34	35	834
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	18	5	29	7	41	3	18	2	12	852	22	28	43	19	11	849	26	20	49	23	9	849
B. They match some of what I have learned.	53	8	16	30	59	9	18	4	8	849	51	12	55	23	10	847	51	14	48	26	11	846
C. They match just a little of what I have learned.	27	3	12	14	54	4	15	5	19	846	22	17	46	25	13	847	18	13	44	28	15	844
D. There is no match.	3	0	0	1	33	1	33	1	33	831	4	11	44	33	11	842	4	5	33	30	32	836
How difficult was the science part of this test?																						
A. more difficult than my regular schoolwork	32	5	16	17	55	5	16	4	13	848	32	17	57	17	9	849	32	13	45	28	14	844
B. about the same as my regular schoolwork	60	11	19	31	53	9	16	7	12	849	57	17	46	25	12	847	56	15	49	25	11	847
C. easier than my regular schoolwork	7	0	0	4	57	2	29	1	14	839	11	9	52	26	13	843	11	21	43	22	13	847
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	36	5	14	18	51	7	20	5	14	845	39	16	52	20	12	847	39	14	47	27	12	845
B. I tried about the same as I do on my regular schoolwork.	56	11	20	32	59	8	15	3	6	852	52	20	50	25	5	850	55	17	48	25	10	847
C. I did not try as hard on this test as I do on my regular schoolwork.	8	0	0	2	25	2	25	4	50	835	9	0	45	25	30	839	6	8	36	29	26	839
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	28	1	4	17	63	7	26	2	7	846	28	7	57	28	8	845	26	9	48	29	14	844
B. the course(s) described in A, plus chemistry	18	3	18	9	53	1	6	4	24	846	24	18	48	16	18	847	23	17	49	22	12	847
C. the course(s) described in B, plus physics	31	12	41	12	41	3	10	2	7	856	24	40	40	14	6	855	21	31	44	17	7	852
D. a life science and physical science class	23	0	0	14	64	5	23	3	14	843	24	4	57	27	12	843	30	7	46	32	14	842
How well does the following statement reflect your future goals? "I am interested in a career related to science, technology, engineering, or mathematics."																						
A. strongly agree	23	8	36	10	45	3	14	1	5	854	22	28	49	15	9	852	27	23	47	20	10	849
B. agree	29	4	14	16	57	5	18	3	11	848	28	17	53	22	8	848	37	14	47	27	12	846
C. disagree	35	3	9	19	56	7	21	5	15	846	33	8	50	29	13	845	25	11	48	29	12	845
D. strongly disagree	13	1	8	7	54	2	15	3	23	844	17	16	43	22	19	844	11	9	44	31	17	842
How do you feel about the following statement? "My knowledge of science will be useful to me as an adult."																						
A. strongly agree	26	6	24	16	64	2	8	1	4	854	24	19	54	17	10	850	31	22	46	22	10	849
B. agree	52	10	20	23	46	13	26	4	8	848	52	20	46	26	8	848	50	14	49	26	11	846
C. disagree	18	0	0	12	71	1	6	4	24	844	18	5	56	23	15	845	14	9	45	31	15	843
D. strongly disagree	5	0	0	1	20	1	20	3	60	829	6	0	42	17	42	835	5	3	38	34	25	837
Optional school/SAU question																						
A.	50	0	0	0	0	1	50	1	50	820	50	0	33	33	33	829						
B.	25	0	0	0	0	0	0	1	100	816	17	0	0	0	100	816						
C.	25	0	0	0	0	0	0	1	100	812	33	0	0	0	100	817						
D.	0										0											

E = Exceeds the Standards M = Meets the Standards P = Partially Meets the Standards D = Does Not Meet the Standards
 N = Number